

The recommended minimum drivable radius is 360mm.

The model has a 6-pin interface according to NEM 651 for the Digital operation. The interface connector is equipped with buffer memories for analog operation.

Important note: The model is equipped with capacitors on the interface connector for analog operation. Please do not change direction abruptly, but bring the vehicle to a standstill before changing direction. Otherwise you risk damaging the drive and capacitors.

For better contact security the model is not equipped with friction tires.

The model is operated in analog mode with a maximum of 12V direct current and is Compatible with all common H0 gauge direct current rail systems.

Do not expose the model to intense solar radiation or other strongly warming light sources. Strong UV radiation changes or ages paintwork. High temperatures can deform the plastic parts and bleach the paint.

The statutory regulation applies to any warranty claims, please contact the seller of the model. Please keep the proof of purchase as a basis for the warranty claim.

Maßstabsgetreues Modell für erwachsene Sammler. Empfohlen für Sammler ab 14 Jahren. Aufgrund maßstabs- und vorbildgerechter Umsetzung bzw. funktionsbedingter Gestaltung sind Spitzen, Kanten und Kleinteile enthalten. Verschluckungsgefahr. Bitte bewahren Sie die Verpackung für zukünftig benötigte Informationen auf.

Detailed scale model for adult collectors. Recommended for collectors aged 14 years or older. Product could contain functional sharp edges and small parts which can present a choking hazard. Please handle with care. Please retain packaging for future reference.



Draisine KLV12 H0 gauge Manual

From 1953 the DB procured various types of trolleys for railway service purposes, including the types KlV 11 and KlV 12, of which around 800 were produced by various suppliers by 1963.

The simple purpose vehicles were inexpensive. An air-cooled Volkswagen industrial engine with a displacement of 1.2 liters and 28 hp served as the drive. Top speed 70 km / h, total weight approx. 2,250 kg.



ACHTUNG:

Maßstabsgetreues Modell für erwachsene Sammler ab 14 Jahren.

Detailed scale model for adult collectors. Recommended for collectors aged 14 years or older.

Modellbahn Union GmbH
Gutenbergstr. 3a
D-59174 Kamen
email: kontakt@modellbahnunion.com

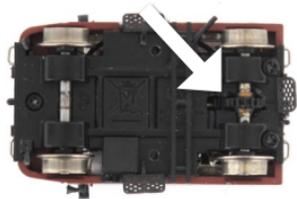
Information on the Modellbahn Union range can be found at info.modellbahnunion.com

SERVICE

When using the model for the first time, allow it to run in for approx. 20 minutes in each direction at medium speed.

After operating times of approx. 10 hours, the gear wheels must be lightly greased from the outside.

To grease the bogie gears, smear some model railway grease on the visible gears of the axles. Do not use oil! The grease is distributed in the drive mechanism.

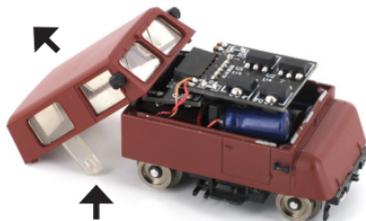


To ensure proper power consumption, both your tracks and the wheels of the draisine should be kept free of dust and dirt. The wheels of the draisine can be used with the usual cleaning fluids.

We recommend AC13 Track Magic from Deluxe Materials.

INSTALLATION OF A DIGITAL DECODER

Important note: The model is equipped with capacitors on the interface connector for analog operation. Please do not change direction abruptly, but bring the vehicle to a standstill before changing direction. Otherwise you risk damaging the drive and capacitors!



To install a digital decoder, the upper part of the housing must be lifted off. The separating edge is located below the window; the component can be easily pulled off with light pressure on the side on the upper part. We recommend decoders from Doehler & Hass or Zimo. Other decoders may have too high a current consumption.

For safe storage of the individual parts and for further work on the model, we recommend the Modellbahn Union locomotive bed MU-H0-A00500.

INSTALLATION OF A DIGITAL DECODER

A dummy plug is plugged into the 6-pin interface for analog operation at the factory. The dummy plug is connected to capacitors (please also note the information below), which are not required for digital operation. You can easily pull off the dummy plug from the side with needle-nose pliers.



The contact points for the decoder are thus exposed. You can now plug in the decoder. Pay attention to the correct installation position. Information on this can be found in the instructions for the decoder. When installing the housing later, make sure that it is in the correct position and that no cables etc. are pinched.

Important note: set the CV5 for the maximum speed to a maximum of 40 or lower. Otherwise you risk overloading and overheating the motor, which is designed for 5V!